

Fig. 1 (Prior Art)

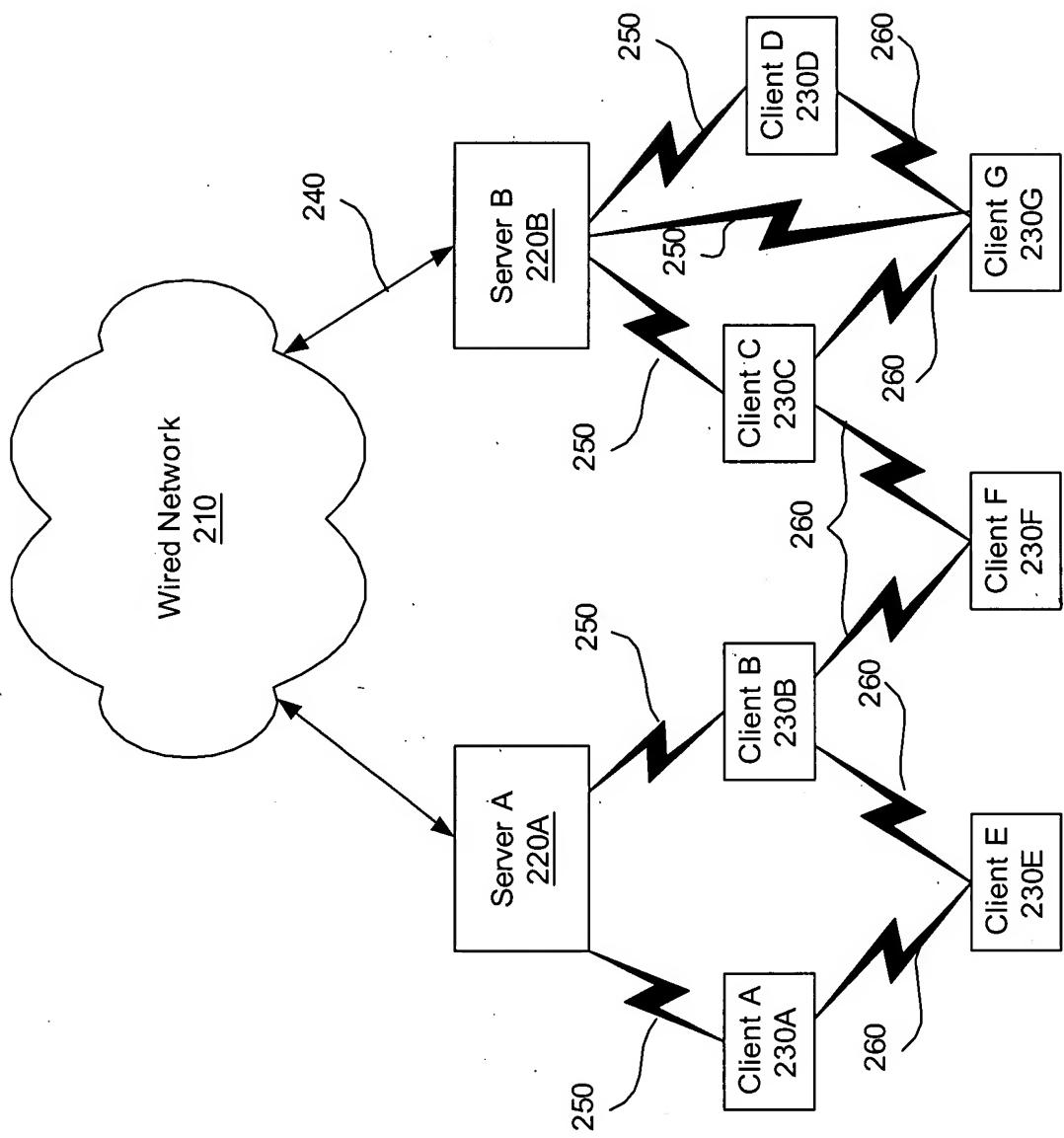


Fig. 2

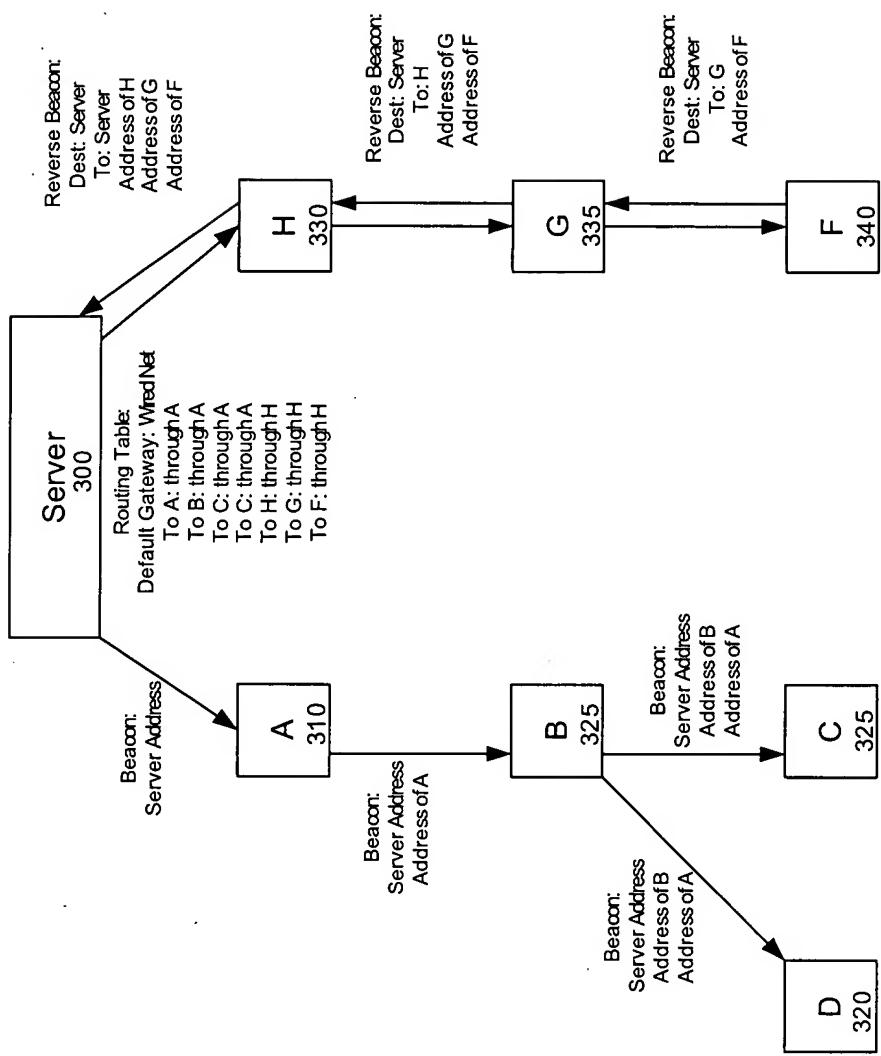


Fig. 3A

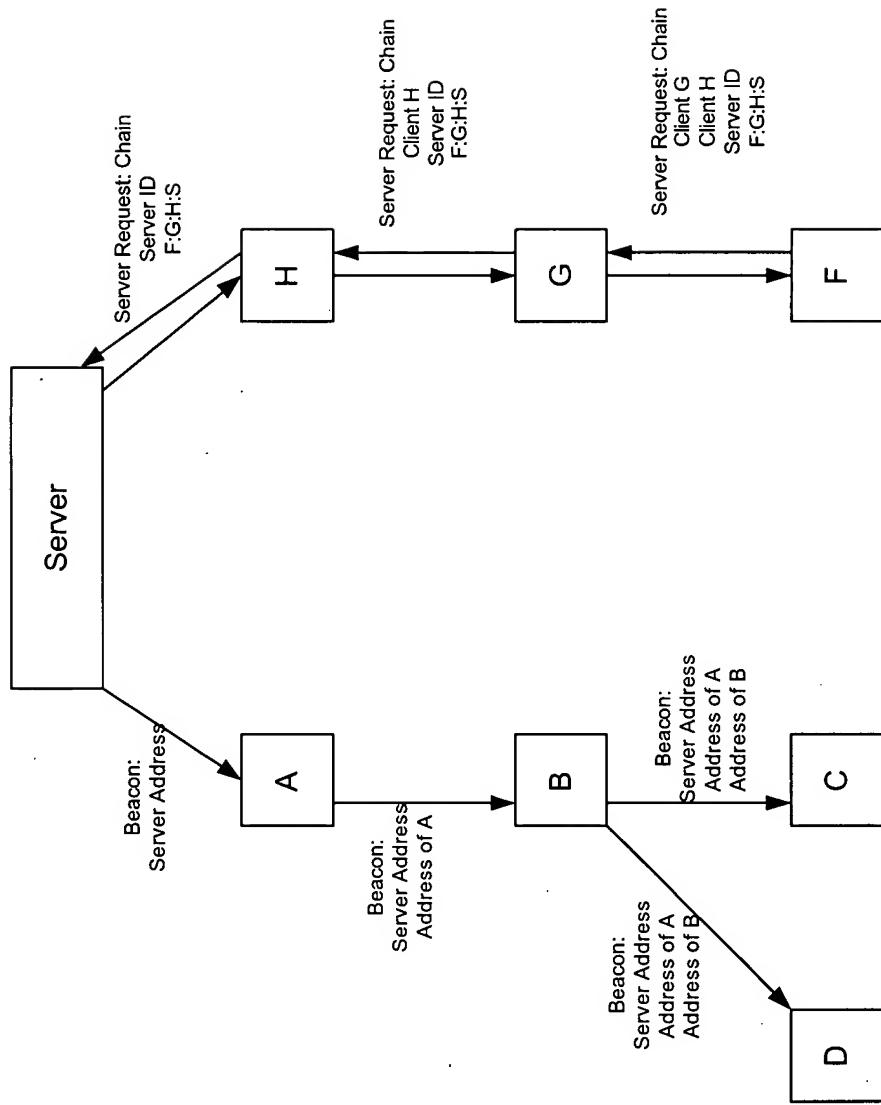


Fig. 3B

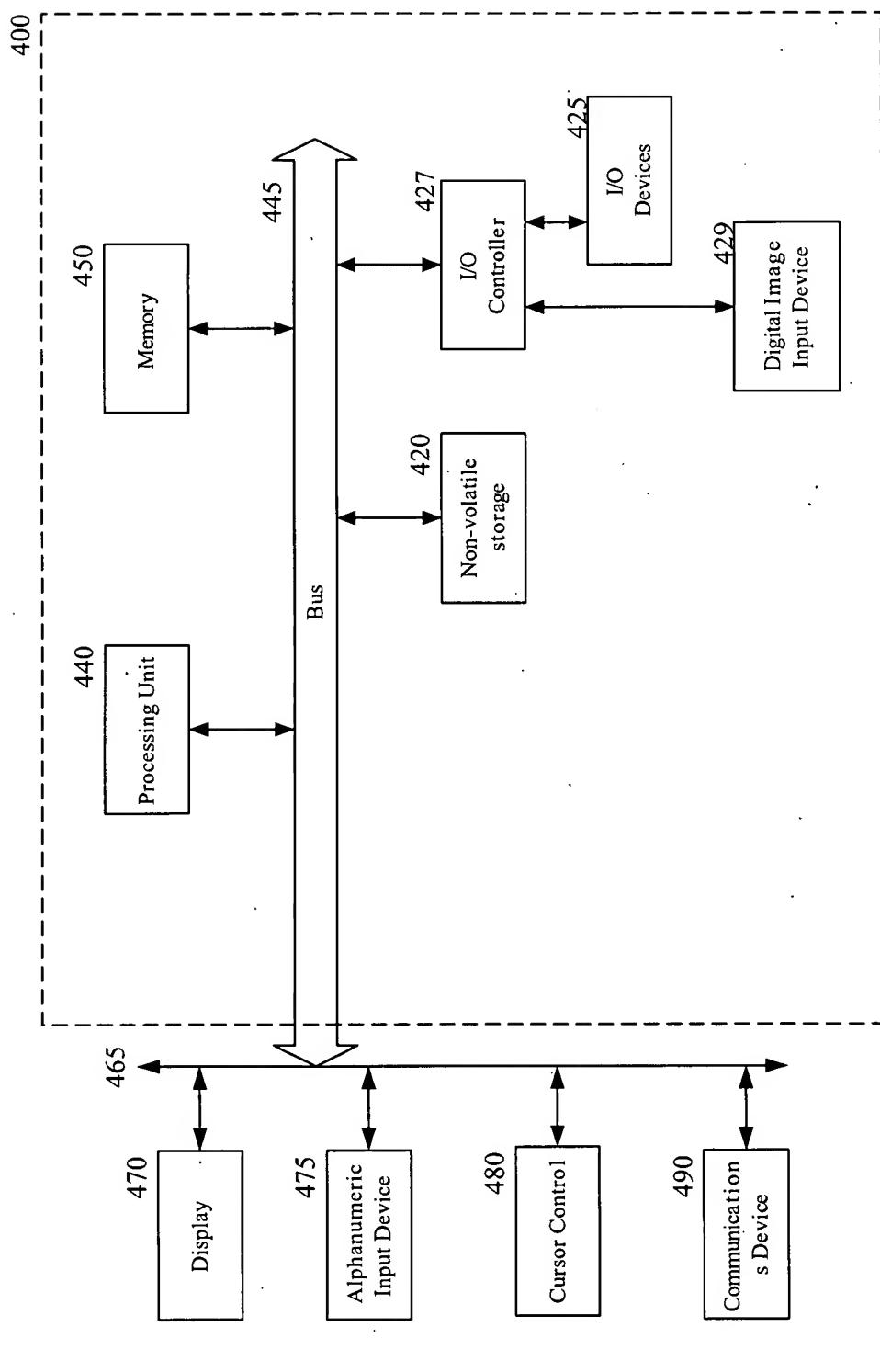


FIG. 4

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RECEIVING ROUTING PACKETS AT THE ACCESS NODE THROUGH AT LEAST ONE WIRELESS ROUTE; EACH ROUTING PACKET INCLUDING ROUTE INFORMATION THAT IDENTIFIES THE WIRELESS ROUTE OF THE ROUTING PACKET

510

FIRST SELECTING THE WIRELESS ROUTES THROUGH A FIRST SCREENING MEASURE, THE FIRST SCREENING MEASURE PROVIDING A CRITERIA FOR ALLOWING SELECTION OF WIRELESS ROUTES

520

SECOND SELECTING THE WIRELESS ROUTES THROUGH A SECOND SCREENING MEASURE, THE SECOND SCREENING MEASURE PROVIDING A CRITERIA FOR ALLOWING SELECTION OF WIRELESS ROUTES

530

THIRD SELECTING THE WIRELESS ROUTES THROUGH A THIRD SCREENING MEASURE, THE THIRD SCREENING MEASURE PROVIDING A CRITERIA FOR ALLOWING SELECTION OF WIRELESS ROUTES

540

DETERMINING AN OPTIMAL WIRELESS ROUTE BASED UPON THE THIRD SELECTED ROUTES

550

FIGURE 5

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RECEIVING ROUTING PACKETS AT THE ACCESS NODE THROUGH AT LEAST ONE WIRELESS ROUTE; EACH ROUTING PACKET INCLUDING ROUTE INFORMATION THAT IDENTIFIES THE WIRELESS ROUTE OF THE ROUTING PACKET

610

DETERMINING A SUCCESS RATIO OF A NUMBER OF SUCCESSFULLY RECEIVED ROUTING PACKETS VERSUS A NUMBER OF TRANSMITTED ROUTING PACKETS OVER A PERIOD OF TIME T1, FOR EACH WIRELESS ROUTE

620

FIRST SELECTING THE WIRELESS ROUTE HAVING A GREATEST SUCCESS RATIO, AND OTHER WIRELESS ROUTES THAT HAVE SUCCESS RATIOS WITHIN A PREDETERMINED AMOUNT OF THE GREATEST SUCCESS RATIO

630

DETERMINING AN OPTIMAL WIRELESS ROUTE BASED UPON THE FIRST SELECTED ROUTES

640

FIGURE 6

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DETERMINING THE FIRST SELECTED ROUTES (AVAILABILITY TEST) USING  
THE PROCESS OF FIGURE 6

710

OF THE FIRST SELECTED ROUTES, RECEIVING ROUTING PACKETS AT THE  
ACCESS NODE THROUGH AT LEAST ONE FIRST SELECTED ROUTE; EACH  
ROUTING PACKET INCLUDING ROUTE INFORMATION THAT IDENTIFIES THE  
WIRELESS ROUTE OF THE ROUTING PACKET

720

DETERMINING A SUCCESS LONG RATIO OF A NUMBER OF SUCCESSFULLY  
RECEIVED ROUTING PACKETS VERSUS A NUMBER OF TRANSMITTED  
ROUTING PACKETS OVER A PERIOD OF TIME T2, WHEREIN T2 IS  
SUBSTANTIALLY GREATER THAN T1, FOR EACH FIRST SELECTED ROUTE.

SECOND SELECTING THE WIRELESS ROUTE HAVING A GREATEST SUCCESS  
LONG RATIO, AND OTHER WIRELESS ROUTES THAT HAVE SUCCESS LONG  
RATIOS WITHIN A SECOND PREDETERMINED AMOUNT OF THE GREATEST  
SUCCESS LONG RATIO

730

DETERMINING AN OPTIMAL WIRELESS ROUTE BASED UPON THE SECOND  
SELECTED ROUTES

740

FIGURE 7

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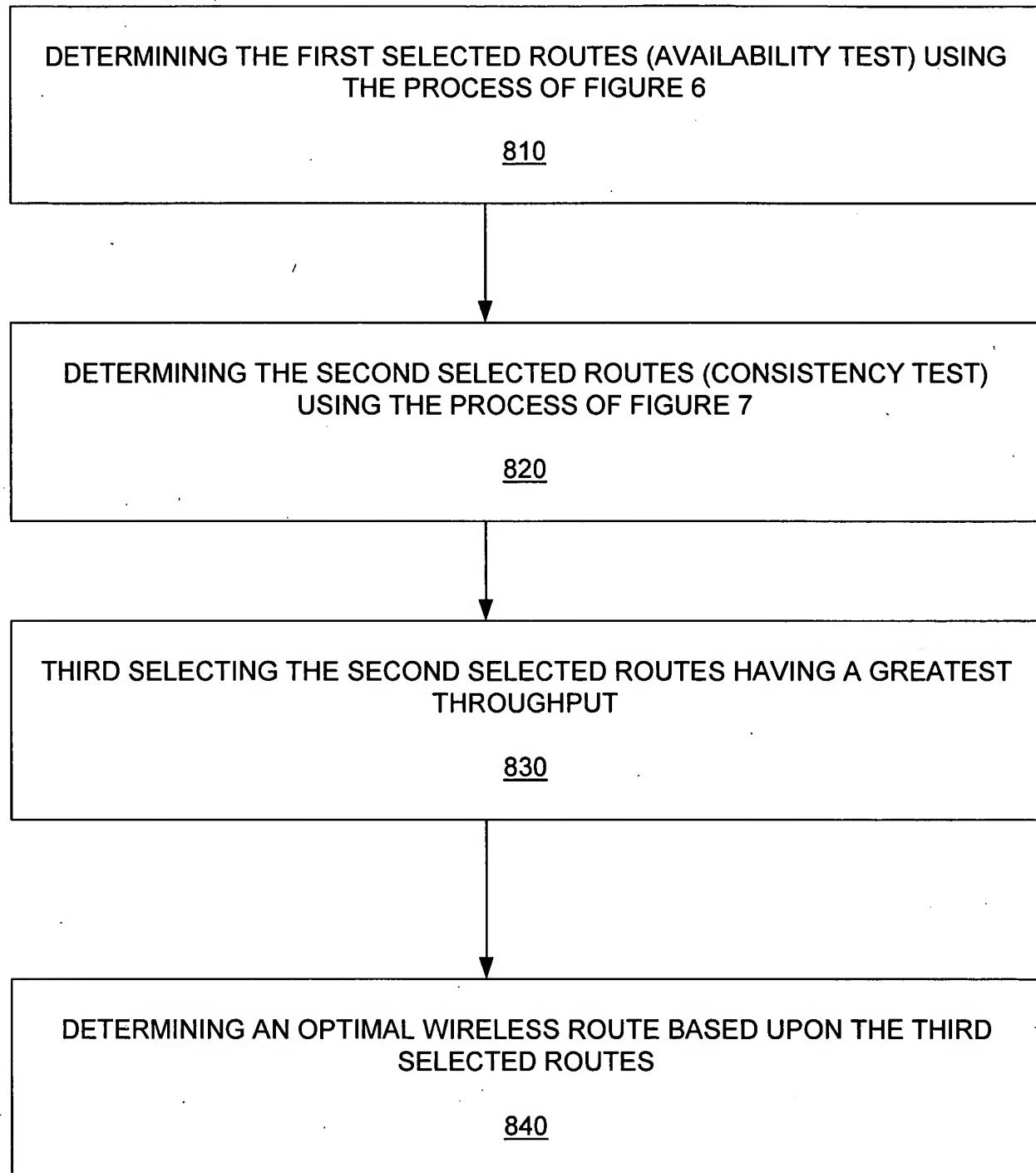


FIGURE 8